(ATENT COOPERATION TREAT)

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION as we		see Form PCT/ISA/220 ell as, where applicable, item 5 below.		
12136.3WOU1					
International application No.	International filing date (day/mont	h/year)	(Earliest) Priority Date (day/month/year)		
PCT/US2005/000482	07/01/2005		08/01/2004		
Applicant					
IDAHO RESEARCH FOUNDATION,	INC.				
This International Search Report has been according to Article 18. A copy is being tra			hority and is transmitted to the applicant		
This International Search Report consists	of a total of 5h	eets.			
X It is also accompanied by	a copy of each prior art document of	ited in this	report.		
	international search was carried ou ess otherwise indicated under this i		sis of the international application in the		
The international this Authority (Ru		of a transl	ation of the international application furnished to		
b. X With regard to any nucleo	otide and/or amino acid sequence	disclosed	in the international application, see Box No. I.		
2. X Certain claims were fou	nd unsearchable (See Box II).				
3. Unity of invention is lace	king (see Box III).				
4. With regard to the title,					
the text is approved as su	bmitted by the applicant.				
	hed by this Authority to read as follows		ADMINISTRAÇÃO DE AGRADA DE LA COMPANSIA DE LA		
NTEROTOXINS	SOMATIC CELL COUNT IN	MILKY	ADMINISTRATION OF MUTATED E		
5. With regard to the abstract,	hadhadhadha a sa sa sa				
X the text is approved as su		his Authori	ity as it annears in Boy No. IV. The applicant		
			ity as it appears in Box No. IV. The applicant ch report, submit comments to this Authority.		
6. With regard to the drawings,			·		
a. the figure of the drawings to be p	published with the abstract is Figure	No			
as suggested by t	••				
	s Authority, because the applicant f				
	s Authority, because this figure bett e published with the abstract.	ei characte	enzes die invention.		
J. [3] Holle of the figures is to b	o papasited with the abstract.				



nternational application No.

PCT/US2005/000482

Вох	No. I	Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)
1.	With	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed attorn, the international search was carried out on the basis of:
	a.	type of material X a sequence listing table(s) related to the sequence listing
	b.	format of material X in written format X in computer readable form
2.	c.	time of filing/furnishing contained in the international application as filed filed together with the international application in computer readable form furnished subsequently to this Authority for the purpose of search In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed
		or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3.	Addit	ional comments:

mational Application No ruT/US2005/000482

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K39/085 A61K A61K39/09 A61P31/04 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BIOSIS, EMBASE, FSTA C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. χ WO 01/60851 A (LG CHEMICAL LTD; LEE, 1,2,4,5, HONG-KYUN; PARK, YONG-HO; HAN, KYU-BOEM; 7-9. CHANG,) 23 August 2001 (2001-08-23) 11 - 17Y page 3, lines 10-17 10 page 4, lines 5-15 page 5, line 23 - page 6, line 6 page 23, line 14 - page 27 Υ WO 99/27889 A (IDAHO RESEARCH FOUNDATION, 10 INC; BOHACH, GREGORY, I) 10 June 1999 (1999-06-10) cited in the application abstract page 5, lines 12-26 page 6, lines 23-33 page 8, lines 1-24 example 2; table 4 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance invention *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another involve an inventive step when the document is taken alone document of particular relevance: the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 21 July 2005 29/07/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Noë, V

Fax: (+31-70) 340-3016

rnational Application No

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages HOVDE C J ET AL: "INVESTIGATION OF THE	
	Relevant to claim No.
A HOVDE C 1 FT AL. "INVESTIGATION OF THE	- Teavain to stain 140.
ROLE OF THE DISULPHIDE BOND IN THE ACTIVITY AND STRUCTURE OF STAPHYLOCOCCAL ENTEROTOXIN C1" MOLECULAR MICROBIOLOGY, BLACKWELL SCIENTIFIC, OXFORD, GB, vol. 13, no. 5, 1994, pages 897–909, XP002067000 ISSN: 0950–382X the whole document	Relevant to claim No.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Although claims 1-17 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Continuation of Box II.2

Present claims 1-4,9,11-13,15-17 relate to an large number of possible methods. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the methods claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be disclosed, namely those parts relating to the methods comprising administering disulfide loop region deletion mutants from staphylococcal enterotoxins or from Streptococcus pyrogenes toxins (see page 4, line 25 - page 5, line 6).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.



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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 1-17 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. X Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Pomark on Brotost
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

ir ation on patent family members

mational Application No

Patent doo cited in sear		Publication date		Patent family member(s)		Publication date
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			ΑU	772986		13-05-2004
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			WO	0160851	A1	23-08-2001
			MX	PA02008010	Α	05-04-2004
			ZA	200205689	A	05-08-2003
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			CA	2312738	A1	10-06-1999
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			WO	9927889	–	10-06-1999
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